

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: May 6, 2005
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPN. NO. (If known) 10/534035 CFR 1.5)
INTERNATIONAL APPLICATION NO.: PCT/US03/35395	INTERNATIONAL FILING DATE: November 6, 2003	PRIORITY DATE CLAIMED: November 6, 2002
TITLE OF INVENTION: ANALYSIS OF GEOMETRIC SURFACES BY CONFORMAL STRUCTURE		
APPLICANT(S) FOR DO/EO/US: Shing-Tung YAU; Xiangfeng GU; Yalin WANG		
Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the time limit set in 35 USC 371(b) and PCT Articles 22 and 39(1).</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31)</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)): a. <input type="checkbox"/> is attached hereto (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input checked="" type="checkbox"/> A English language translation of the International Application (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> has been transmitted by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>7. <input checked="" type="checkbox"/> Amendments to the daims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input checked="" type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> A English language translation of the amendments to the daims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
ITEMS 11 TO 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A FIRST preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer readable form of the sequence listing in accordance with PCT Rule 13 ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Small entity status is claimed.</p> <p>21. <input checked="" type="checkbox"/> Other items or information: <u>Replacement of page 5; Article 34 Amendment</u></p>		

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO. PCT/US03/35395	ATTORNEY'S DOCKET NO: 050106										
107534035													
<p>The following fees are submitted:</p> <p>21. <input checked="" type="checkbox"/> Basic National Fee (37 CFR 1.492(a)(1)-(5): \$300.00</p> <p>22. <input checked="" type="checkbox"/> Examination fee -- If International preliminary amendment report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100.00 -- All other situations \$200.00</p> <p>23. <input checked="" type="checkbox"/> Search fee -- Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100.00 -- International Search Report prepared and provided to the Office \$400.00 -- All other situations \$200.00</p>				CALCULATIONS 300.00	PTO USE ONLY								
TOTAL OF 21, 22 and 23 =				100.00									
<p><input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof</p> <table border="1"> <tr> <th>Total Sheets</th> <th>Extra Sheets</th> <th>Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th>RATE</th> </tr> <tr> <td>55</td> <td>0</td> <td></td> <td>x \$250.00</td> </tr> </table>				Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	55	0		x \$250.00		
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE										
55	0		x \$250.00										
Surcharge of \$130.00 for furnishing the oath or declaration later than <u>20</u> or <u>30</u> months from the earliest claimed priority date (37 CFR 1.492(e)).													
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE									
Total claims		46 -20 =	26	X \$ 50.00	1,300.00								
Independent claims		13 - 3 =	10	X \$ 200.00	2,000.00								
MULTIPLE DEPENDENT CLAIMS(s) (if applicable)				+ \$360.00									
TOTAL OF ABOVE CALCULATIONS =				3,900.00									
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2 .				1,950.00									
SUBTOTAL =				1,950.00									
Processing fee of \$130.00 for furnishing the English translation later than <u>20</u> <u>30</u> months from the earliest claimed priority date (37 CFR 1.492(f)).				+									
TOTAL NATIONAL FEE =				1,950.00									
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				40.00									
TOTAL FEES ENCLOSED =				1,990.00									
				Amount to be refunded:	\$								
				Amount to be charged:	\$								
a. <input checked="" type="checkbox"/>	The amount of <u>\$ 1,990.00</u> to cover the above fees is enclosed together with Form PTO-2038.												
b. <input type="checkbox"/>	Please charge my Deposit Account No. 50-2394 in the amount of <u> </u> to cover the above fees. (A duplicate copy of this sheet is enclosed.)												
c. <input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2394.												
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.													
Send All Correspondence To:													
Customer No. 34003													
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5717 Colfax Avenue													
Alexandria, VA 22311													
Phone: (703) 379-9625													
Fax: (703) 379-9628													
 SIGNATURE Robert J. Forsell, Jr. NAME													
51,693 REGISTRATION NUMBER													